PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO		Complete if Known		
•	Application Number			
INFORMATION DISCLOSURE	Filing Date	10/23/2003		
STATEMENT BY APPLICANT	First Named Inventor	Robert R. Rice		
	Art Unit	N/A		
(Use as many sheets as necessary)	Examiner Name	Unassigned		
Sheet 1 of 1	Attorney Docket Number	000404-804		

Examiner	er Cite	Cite No.	Cite	Cite	Cite	Cite	Document Numb	per	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.'	Number-Kind Code ^{2 (}	l known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear					
AA		us- 6526161	Bl	02/25/2003	Yong Yan						
		us- 6600830	Bl	07/29/2003	Chun-Hung Liu, et al.						
		^{US-} 6611613	Bl	08/26/2003	Dong-joong Kang, et al.						
•		^{US-} Re. 36041		01/12/1999	Matthew Turk, et al.						
		us- 5710833		01/20/1998	Baback Moghaddam, et al.						
		^{US-} 4818101		04/04/1989	David C. Soreide, et al.						
		us- 6600946	B1	07/29/2003	Robert R. Rice						
		US- 6388739	B1	05/14/2002	Robert R. Rice						
		^{US-} 6598478	B2	07/29/2003	Robert R. Rice						
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	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code 3-Number 4-Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ ⁶			
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Examiner Signature	/Andrae Allison/	Date Considered 08/31	/2006

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				Application Number		
	MATION D			Filing Date	10/23/2003	
STATEMENT BY APPLICANT				First Named Inventor	Robert R. Rice	
				Art Unit	N/A	
(Use as many sheets as necessary)				Examiner Name	Unassigned	
Sheet	1	of	1	Attorney Docket Number	000404-804	

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. J. GRYZAGORIDIS, "Fundamentals of Holographic Interferometry, Electronic Speckle Pattern Interferometry (ESPI) and Shearography," Mechanical Engeineering Department University of Cape Town, Cape Town, RSA ESPI TECHNOLOGY, "ESPI Measurement (electronic speckle pattern interferometry) Background, theory and practice," http://www.syncretek.com/espi technology.htm,
(ESPI) and Shearography," Mechanical Engeineering Department University of Cape Town, Cape Town, RSA ESPI TECHNOLOGY, "ESPI Measurement (electronic speckle pattern interferometry)

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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Complete if Known					
Application Number	10/692,999				
Filing Date	10/23/2003				
First Named Inventor	Robert R. Rice				
Art Unit	3736				
Examiner Name					
Attorney Docket Number	000404-804				

U. S. PATENT DOCUMENTS Examiner Cite No. **Document Number** Publication Date Name of Patentee or Pages, Columns, Lines, Where MM-DD-YYYY initials* Applicant of Cited Document Relevant Passages or Relevant Number-Kind Code^{2 (7 Incom)} Figures Appear ^{US-} 5774591 AA 06-30-1998 Black, et al. US-IIS 115-US-US-US-US US-115. us. US-US-US-IIS. US-US-

		FORE	IGN PATENT DOCU	MENTS		
	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
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Sheet	2	of	2	Attorney Docket Number	000404-804

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
AA		ESSA I A ET AL: "CODING, ANALYSIS, INTERPRETATION, AND RECOGNITION OF FACIAL EXPRESSIONS", IEEE Transactions on Pattern Analysis And Machine Intelligence, IEEE Inc., New York	
AA		Vol. 19, no. 7, July 1997	
AA		TIAN Y-L ET AL: "RECOGNIZING ACTION UNITS FOR FACIAL EXPRESSION ANALYSIS", IEEE Transactions on Pattern Analysis ANd Machine Intelligence, IEEE Inc., New York	
		Vol. 23, no. 2, 1, February 2001	
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